

Silt is a web log server implemented in Cincom Smalltalk (VisualWorks). It is available for free download here:

<http://www.cincomsmalltalk.com/CincomSmalltalkWiki/Silt>

The server implements an SSP/Servlet solution, using the file system for storage of data. This makes it easy to set up, since there is no database required. New blogs may be set up quickly and easily via the console UI, or via the matching server administration web page.

The server supports two levels of administration:

- Site administration – i.e., a person defined as the site administrator may add new blogs, modify existing ones, or delete existing ones
- Blog administration – i.e., a person defined as a blog administrator may add/delete users from a blog.

Sites use a set of SSP (HTML pages with CSS definitions) to show content. The CSS/HTML may be easily changed by any knowledgeable web developer. The server itself is written completely in Smalltalk. At present, log analysis assumes an Apache installation, but that is being made more general as well.

Silt is already deployed on the Cincom Smalltalk website, here:

<http://www.cincomsmalltalk.com/userblogs>

and here on the MetaCase Consulting website:

<http://www.metacase.com/blogs/stevek/blogView>

Silt supports posting from any client supporting the Silt API, the Blogger API, the MetaWeblog API, or the MT API. Silt supports RSS/Atom feeds for:

- Full content
- Comments
- Individual items
- Individual categories

Silt supports multi-author blogs, as well as multiple blogs hosted by the same Smalltalk server. Both examples above demonstrate the multiple site feature. Posting may be done via a web form, or via any tool that supports one of the listed APIs. I've tested ecto and BlogJet, and MarsEdit has been tested as well. A WYSIWYG XHTML editor ships with BottomFeeder as a plugin.

keywords: RSS, Atom, Blog, Web Log, Trackback, Pingback, Comment API, Blog Ping, XML

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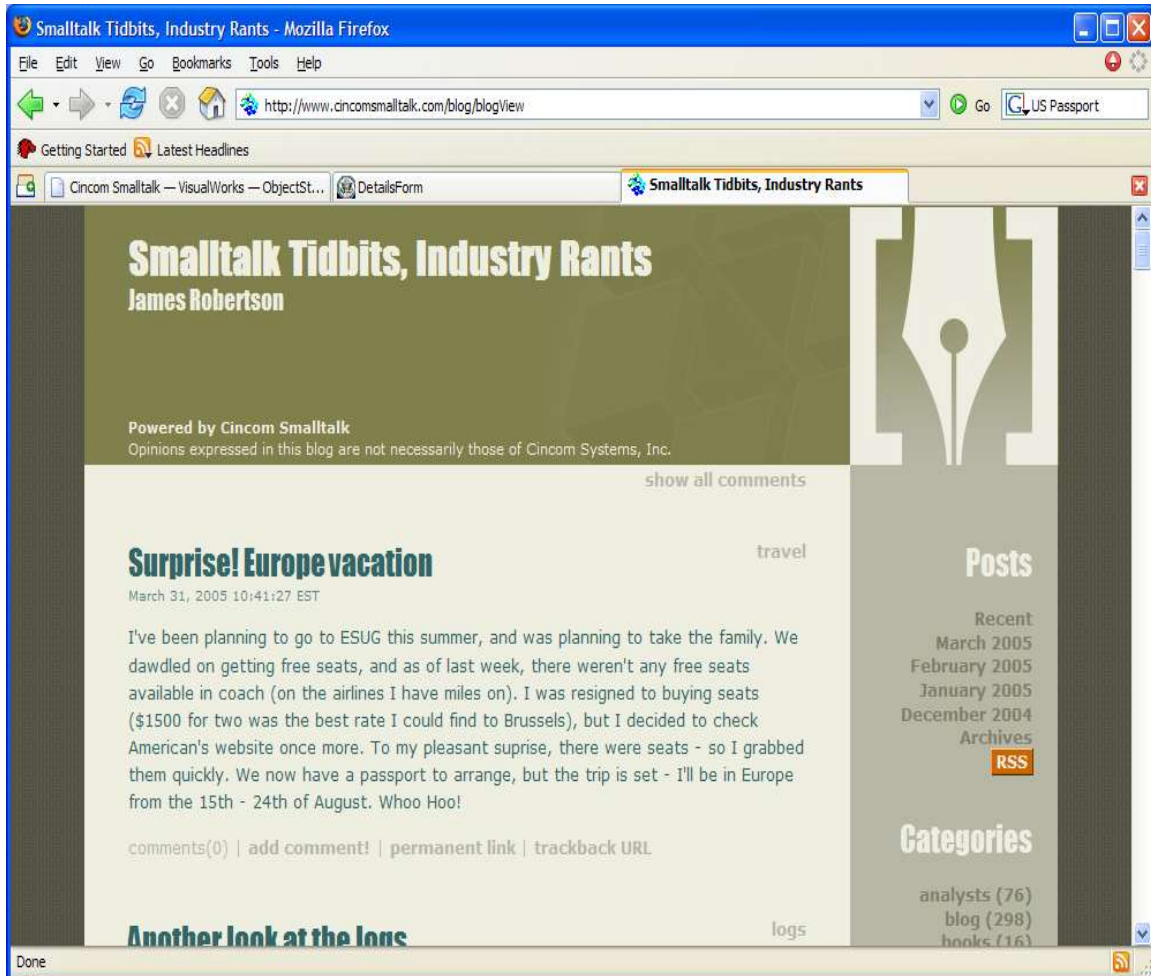
Steve Kelly: MetaCase Consulting Developer (developer)

Supported Smalltalk Platforms: VisualWorks 7.3

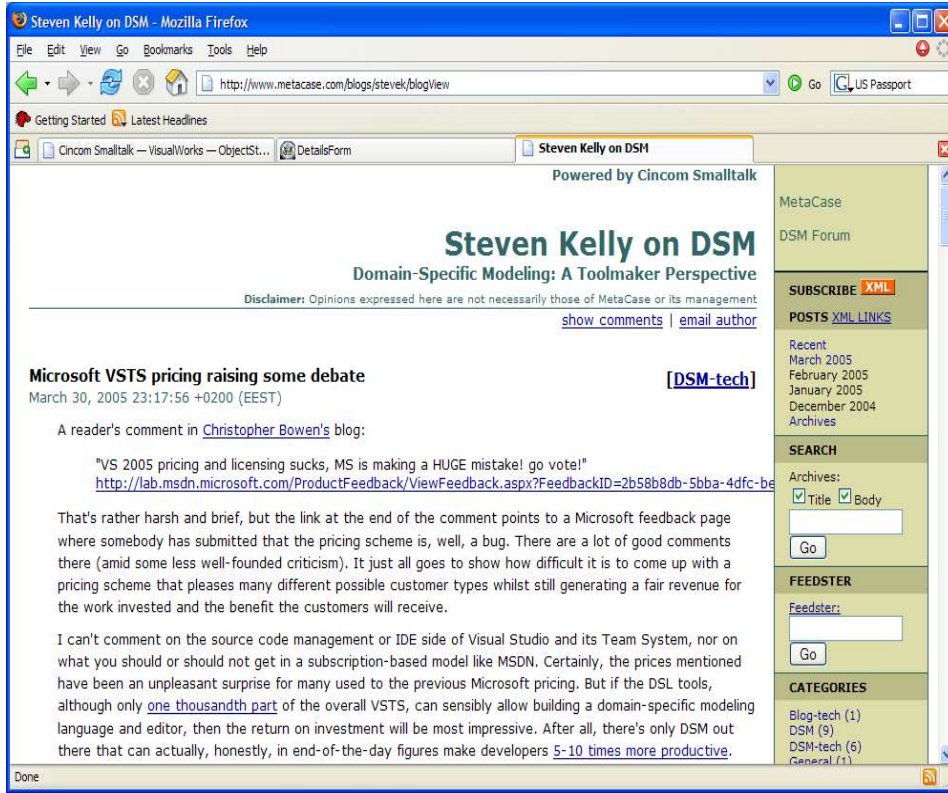
Supported on Windows (98/ME/2000/XP), Mac (OS 8/9, X), Linux (x86, SPARC, PPC), Windows CE (ARM, x86), Solaris, HPUX, SGI Irix, AIX 5.x

Some screen shots:

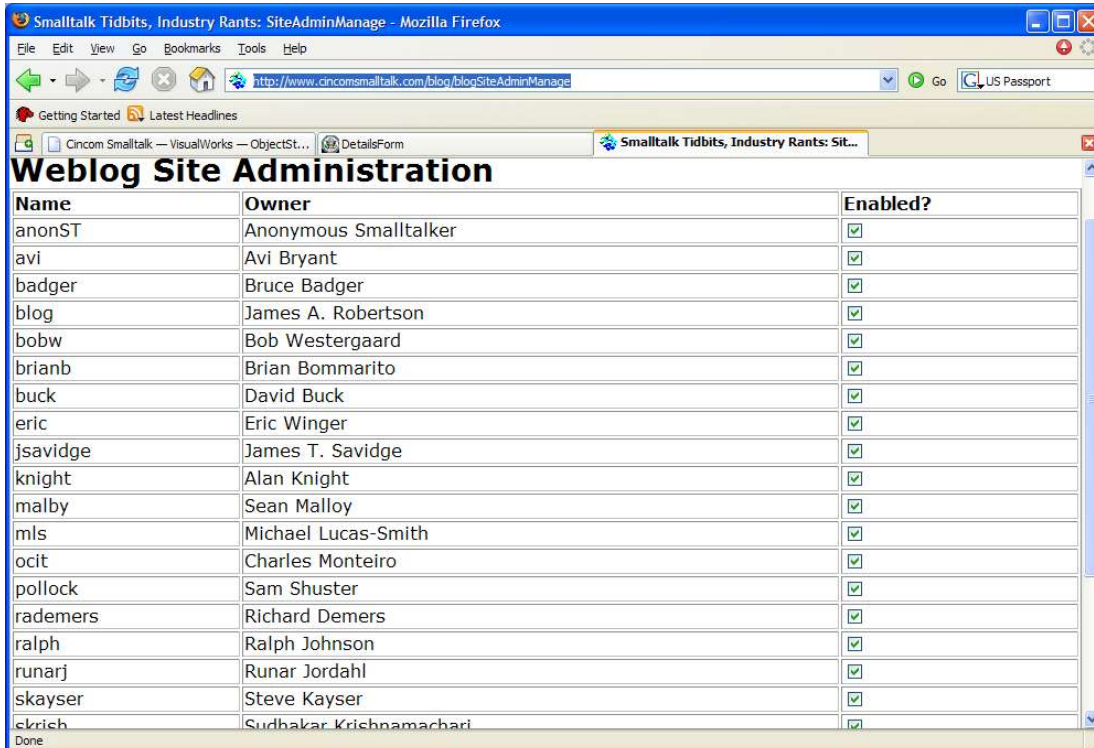
A blog page:



A blog page showing a different CSS template:



Blog Management page:



Blog Creation Page:

Smalltalk Tidbits, Industry Rants: SiteAdminCreate - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

http://www.cincomsmalltalk.com/blog/blogSiteAdminCreate

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Weblog Site Administration

Create a blog from an existing definition file:

appkey:	<input type="text"/>
creator:	<input type="text" value="anonymous"/>
Latitude	<input type="text" value="nil"/>
Longitude	<input type="text" value="nil"/>
Blog Name:	<input type="text" value="My Blog"/>
Description	<input type="text" value="My Blog"/>
Email Address	<input type="text" value="anonymous"/>
Tag Line	<input type="text" value="My Thoughts"/>
Sub Tag Line	<input type="text" value="by anonymous"/>
Main CSS File	<input type="text" value="http://www.cincomsmalltalk.com/css/default.css"/>
Mobile CSS File	<input type="text" value="http://www.cincomsmalltalk.com/css/minimal.css"/>
Base SSP URL Location	<input type="text" value="http://www.cincomsmalltalk.com/userblogs/"/>
Base RSS URL Location	<input type="text" value="http://www.cincomsmalltalk.com/rssBlog/"/>
Base path for blog Files	<input type="text" value="."/>
Base path for RSS Files	<input type="text" value="/var/www/html/rssBlog/"/>
Username for this blog	<input type="text"/>
Password for this blog	<input type="text"/>

Done